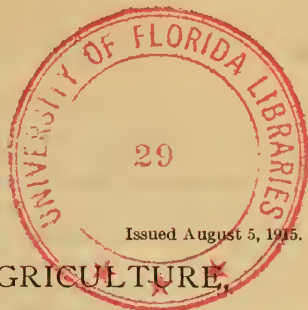


A 4.13:98

S. R. A.—B. A. 1, 98.



U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

JUNE, 1915.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

CONTENTS.

	Page.		Page.
Changes in directory.....	64	Horses and mules inspected for export to Europe and Canada.....	69
Notices regarding meat inspection:		Foreign officials authorized to sign inspection certificates for meat and products for importation into the United States.....	70
Analysis of saltpeter and Chile saltpeter for borates.....	65	Inspection and testing of animals for Canada.....	76
The inspection legend on labels.....	65	Texas-fever quarantine—List of places where southern cattle may be shipped for immediate slaughter.....	76
Net weight on containers of sausage in artificial casings.....	65	Convictions for violations of laws.....	77
Rulings under net weight and volume law.....	65	Licenses and permits for veterinary biological products.....	78
Care should be used copying M. I. form reports.....	68	Publications in June.....	82
Animals slaughtered under Federal meat inspection.....	68	Organization of the Bureau of Animal Industry.....	82
Imports of food animals and of meats and meat food products.....	69		

CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

- 31. Goetjen & Workman, 906 Webster Street, San Francisco, Cal.
- 307. Furbush & Co. (Inc.), 539 Rutherford Avenue, Charlestown District (mail 92 State Street), Boston, Mass.
- 544. Royal Specialty Co., 92 Reade Street (mail 25 Broad Street), New York, N. Y.
- 478. D. Brandt, 148 Bergenline Avenue, Union Hill, N. J.
- \*994. E. A. Tovrea & Co. (Inc.), Bisbee, Ariz.

**Meat Inspection Discontinued.**

- \*19P. The Cudahy Packing Co., rear 226 K Street SW., Washington, D. C.  
 701. New England Manufacturing Co., 409 Pine Street, Providence, R. I.  
 660. The Vermont Manufacturing Co., 17 Jackson Street, Providence, R. I.  
 145. Merchants & Planters' Oil Co., Lone Oak Street, Houston, Tex.  
 \*207. Home Meat Preparing Co., 3355 South Halsted Street, Chicago, Ill.  
 958. I. H. Sentz, 1002 North Franklin Street, Chicago, Ill.  
 844. Cincinnati Delicatessen Supply Co., 217 Walnut Street, Cincinnati, Ohio.  
 968. B. S. Pearsall Butter Co., 55 North State Street, Elgin, Ill.  
 485. Thomas Harris, 443 W. Forty-fifth Street, New York, N. Y.  
 \*188. Clement E. Allen (Inc.), Media, Pa.  
 113. P. D. Hughes, 558 Berkley Street, Camden, N. J.  
 \*813. A. Darlington Strode, West Chester, Pa.  
 427. Richardson & Robbins Co., Dover, Del.  
 167. George Gregory, 4812 Parish Street, Philadelphia, Pa.  
 201. Henry Strecker, 2066 E. Tioga Street, Philadelphia, Pa.  
 980. Holcombe Provision Co. (Inc.), 74 North Canal Street, Newark, N. J.  
 \*348. The Ashland Packing Co., 1446 W. 47th Street, Chicago, Ill.

**Stations Added.**

- Bisbee, Ariz., meat inspection, Dr. H. T. Doak.  
 Union Hill, N. J. (substation of New York, N. Y.).

**Stations Discontinued.**

- Elgin, Ill. (substation of Chicago, Ill.).  
 Media, Pa. (substation of Philadelphia, Pa.).  
 West Chester, Pa. (substation of Philadelphia, Pa.).  
 Dover, Del. (substation of Philadelphia, Pa.).

**Changes of Officials in Charge.**

- Henderson, Ky., Dr. A. B. Niven instead of Dr. H. H. Day.  
 Gainesville, Fla., Dr. A. H. Logan instead of Dr. G. F. Babb.  
 Stamford, Conn., Mr. Sebastian Stock instead of Mr. F. W. Hellriegel.

**Changes in Addresses of Officials in Charge.**

- Dr. J. E. Gibson, Old State House, Little Rock, Ark., instead of Care Arkansas State College of Agriculture, Fayetteville, Ark.  
 Dr. W. T. Conway, P. O. Box No. 1 (office at Room 204 Federal Building) instead of P. O. Box 331 (office at Room 204 Federal Building), Morristown, Tenn.  
 Dr. B. W. Murphy, P. O. Box 663, Marysville, Kans., instead of Marysville, Kans.  
 Dr. R. N. Mead, P. O. Box 231 (office at Room 206 P. O. Building), Crawfordsville, Ind., instead of Crawfordsville, Ind.

**Changes in Firm Names.**

110. The High Grade Shortening Co., 19 Hafer Street, Baltimore, Md., instead of the High Grade Lard & Compound Co.  
 212. Consolidated Beef & Provision Co., 104 S. Exeter Street, Baltimore, Md., instead of Wolf Salganik & Sons.

**Change in Firm Address.**

937. The E. B. E. Manufacturing Co., 42 Hudson Street, New York, N. Y., instead of 176 Franklin Street.

**Note.**

Meat inspection has been extended at establishment \*20-C, Sulzberger & Sons Co., to include the Pacific Coast Beef & Provision Co., a subsidiary concern.

---

\*Conducts slaughtering.

**NOTICES REGARDING MEAT INSPECTION.****ANALYSIS OF SALTPETER AND CHILE SALTPETER FOR BORATES.**

The bureau has learned that a great deal of the present supply of saltpeter and Chile saltpeter (nitrate of soda) that is now in this country contains borates, and to prevent the use of any curing salts in the preparation of meat products for domestic trade that contain this preservative inspectors in charge have been instructed to sample each barrel and package of saltpeter and Chile saltpeter (nitrate of soda) that enter the establishments under their supervision. These samples will be submitted to the laboratory within the station's territory and should be accompanied with the properly executed form. This form should also bear the statement, "Test for borates; rush." Pending the receipt of the laboratory report concerning the sample, the contents of the package or barrel from which the sample was taken will not be permitted to be used in the preparation of meat food products unless the product is for export trade only.

**THE INSPECTION LEGEND ON LABELS.**

It is noted that there are being submitted from time to time labels, wrappers, cartons, and cloth containers which bear the inspection legend containing the date June 30, 1906, instead of the legend "U. S. Inspected and Passed by Department of Agriculture," authorized under section 2, regulation 1, B. A. I. Order 211. In this connection attention is directed to section 3 of the regulation cited, which provides that after November 1, 1914, the phrase "inspected and passed under the provisions of (or according to) the act of Congress of June 30, 1906," shall not be used as an inspection legend unless expressly authorized by the Secretary of Agriculture upon its being shown to his satisfaction that continuance of the use thereof for a longer period is equitable and is rendered necessary in order to utilize stocks of labels on hand or ordered at the time the regulation became effective. While the bureau will continue to approve labels, etc., bearing the date June 30, 1906, in the inspection legend, it should be understood that the approval incident to such labels prepared subsequent to November 1, 1914, does not waive the requirements of the regulation in question, but will be automatically terminated on November 1, 1917.

**NET WEIGHT ON CONTAINERS OF SAUSAGE IN ARTIFICIAL CASINGS.**

Referring to notice in Service and Regulatory Announcements of February, 1915, under the caption "Sausage in artificial casings," it should be observed that this does not apply to sausage, luncheon specialties, loaves and allied products put up in cloth containers, the latter not being considered "casings" in the commonly accepted sense of the term. Accordingly it will be required that products of this character, excepting those exempted in rulings under the net weight and volume law as contained in this issue of Service and Regulatory Announcements, be marked with a statement of the net weight.

**RULINGS UNDER NET WEIGHT AND VOLUME LAW.**

The following replies have been made to questions arising under the net weight and volume amendment to the food and drugs act. It should be understood that the opinions expressed in the letters from which these instructions are taken are offered as representing the attitude of the department in the light of its present knowledge of the facts presented by the correspondents.

Referring to your letter in which you urge that certain containers of meat and meat food products should not be regarded as in package form within the meaning of the act of March 3, 1913 (37 Stat., 732), commonly known as the net weight amendment to the Federal food and drugs act, you are advised that after conference of the representatives of the department interested the following conclusions have been reached:

You have divided the articles to which you refer into five general classes, and the questions presented will be discussed in the order in which they occur in your letter to the Solicitor.



1. *Lard, compounds, cooking products, oleo, neutral edible greases, tallow, and similar products.*

By cooking products, it is understood that you refer to edible fats. It is not understood, however, what is included by the term "similar products" and no opinion will be expressed as to such similar products in the absence of more specific information.

Your statement in respect to the first class of articles is substantially as follows: They are packed in tierces and barrels, always at catch weights. The tierces vary from 340 to 390 pounds, and the barrels proportionately less. Tierces and barrels are used merely as containers for convenience in shipping between manufacturer and packer, or wholesaler. The Board of Trade (presumably of Chicago) requires that, in accordance with trade custom, the head of each tierce or barrel be stenciled with the gross and tare weight. The sale of the products in tierces and barrels is always made at net weight. These articles are also packed in half, quarter, and eighth barrels, in wooden tubs weighing from 10 to 100 pounds, in tin and pail containers weighing from 1 to 50 pounds, and in wooden packages weighing from 10 to 60 pounds.

It is understood that the barrels weigh from 200 to 230 pounds each. With the exception of the tierces and barrels, it appears that these containers are packed at even weights.

In the opinion of the department, all the containers enumerated smaller in size than tierces and barrels, namely, half barrels, wooden tubs, tin and pail containers, and the uniform packages referred to in your letter to the bureau, weighing from 10 to 60 pounds, are "in package form" and, therefore, are required by the net weight amendment to be marked with a statement of the quantity of their contents.

The department is further of the opinion that the question whether tierces and barrels of these products, packed and handled under the circumstances above described, constitute food in package form is not entirely free from doubt. Nevertheless, in view of all the facts, it has been determined, for the present at least, to exclude from being treated as "in package form," under the net weight amendment, all such tierces and barrels of these products. You are accordingly advised that for the present such barrels and tierces need not be marked with a statement of the quantity of the contents.

2. *Fresh or frozen offal.*

With reference to fresh or frozen offal, you state the facts to be substantially as follows: The term includes livers, kidneys, brains, sweetbreads, tails, tongues, and hearts. These products are packed and sold, at uniform weights, in tins weighing 5, 10, 20, 25, and 50 pounds each, of which those above 10 pounds in weight rarely, if ever, go to the consuming public. They are also packed, at catch weights, in boxes weighing from 10 to 100 pounds. These boxes do not go to the consuming public, are never sold as of any uniform weight, but are always sold at the actual net scale weight. It is understood that, from the nature of some of the products shipped in these boxes, such, for example, as beef hearts and beef livers, it is not practicable to pack them at uniform weights, and that all the boxes are used as mere shipping containers.

The department is of the opinion that tins, weighing 5, 10, 20, 25, and 50 pounds each, containing fresh or frozen offal, packed at uniform weights, are "in package form" within the meaning of the net weight amendment, and that, therefore, the law requires that they be marked with a statement of the quantity of the contents.

The department is further of the opinion that the question whether fresh or frozen offal in boxes weighing from 10 to 100 pounds, when packed and handled under the circumstances described above, constitute food in package form is not entirely free from doubt. Nevertheless, in view of all the facts, it has been determined for the present at least to exclude from being treated as "in package form," under the net weight amendment, all such boxes of fresh or frozen offal weighing from 10 to 100 pounds. You are accordingly advised that for the present such boxes need not be marked with a statement of the quantity of the contents.

3. *Plain, or vinegar, pickled pigs' feet, tripe, barreled pork and barreled beef.*

In respect to these articles your statement is as follows: They are packed in tierces, barrels, half barrels, quarter barrels, and eighth barrels. The tierces, barrels and half barrels are packed at catch weights, and there is a variance of about 20 per cent. The smaller divisions of the barrel are packed usually at uniform weights, though sometimes at catch weights. All these containers are subject to the board of trade requirement as to stenciling of gross and tare on the staves or heads. They never go to the consuming public and are always sold at the net scale weight.

Investigations of the department indicate that barreled beef, barreled pork, pigs' feet, and tripe, when any such articles are shipped in pickle in any of the containers mentioned, are usually, if not always, packed at uniform weight, and are sold as if of uniform weight, i. e., at a price per tierce, barrel, or other container, frequently with no representation as to weight. It is understood, moreover, that these articles are not usually marked with the gross and tare. It is apparent that such a statement upon an article packed in pickle would not show the weight of the drained meat or product.

Accordingly, in the opinion of the department, tierces, barrels, and all the other smaller specified containers of barreled beef, barreled pork, pigs' feet, and tripe, in pickle, should be marked in compliance with the net weight amendment, with a statement of the quantity of the contents. In this connection your attention is called to the fact that any meat or product in package form packed in brine or vinegar should be marked with the net weight of the drained meat or product, exclusive of the brine or vinegar.

#### *4. Fresh or dry sausage.*

In reference to this product your statement is as follows: It is packed in cartons up to and including 10 pounds, for sale to the consuming public. It is also packed in boxes weighing from 10 to 100 pounds. Small link sausage in boxes is usually packed at uniform weights. Large link sausage and other kinds of sausage in boxes are packed at catch weights, and there is a variation of from 15 to 25 per cent in the weight of the contents of the various containers. Boxes of sausage weighing more than 10 pounds rarely, if ever, reach the consuming public, are never sold as of any package weight, are always sold by the net weight, and are used only for convenience in transportation from packing houses to branch houses or to dealers.

Sausage in cartons, weighing up to and including 10 pounds, is clearly food "in package form," as you concede in your letter to the Solicitor.

The department is of the opinion that boxes of sausage weighing up to and including 10 pounds are "in package form," and, therefore, are required by the net-weight amendment to be marked with a statement of the quantity of the contents.

The department is further of opinion that the question whether boxes of sausage weighing more than 10 pounds, when packed and handled under the circumstances above described, are in package form is not entirely free from doubt. Nevertheless, in view of all the facts, it has been determined, for the present at least, to exclude from being treated as "in package form," under the net weight amendment, all such boxes of these products. You are accordingly advised that for the present such boxes need not be marked with a statement of the quantity of the contents.

#### *5. Sausage in pickle.*

Your statement as to this product is as follows: It is packed usually in barrels varying from 180 to 220 pounds; also in half barrels, quarter barrels, eighth barrels, kits, and kegs, sometimes at uniform weights and sometimes at catch weights. These are "wholesalers' packages" and none of them reaches the consuming public. Whether packed at uniform weights, or at catch weights, they are always sold at the actual net scale weight of contents.

It is understood that this product is usually packed in half barrels, or smaller containers, at uniform weights, and sold as if of uniform weights.

In the opinion of the department, sausage in pickle, when packed in half barrels or smaller containers, namely, quarter barrels, eighth barrels, kits, and kegs, is "in package form," and therefore is required by the net weight amendment to be marked with a statement of the quantity of the contents.

The department is further of the opinion that the question whether barrels of sausage in pickle, packed and handled under the circumstances above described, constitute food in package form is not entirely free from doubt. Nevertheless, in view of all the facts, it has been determined, for the present at least, to exclude from being treated "as in package form," under the net weight amendment, all such barrels of these products. You are accordingly advised that for the present such barrels need not be marked with a statement of the quantity of the contents.

It has been extremely difficult to reach a conclusion as to where Congress intended the line to be drawn as to which of the articles involved in this letter are and which are not "in package form." In the absence of controlling considerations being clearly expressed in the clause of the statute with which we are dealing, it has been necessary, in order to determine the meaning of an expression which is, in some measure at least, apparently ambiguous, when applied to the great variety of facts and conditions here involved, to keep in mind the objects intended to be accomplished by the

requirement of a statement of the quantity of the contents on containers of articles of food. An attempt has been made to fix the line of demarcation in a practical way, so as to meet the demands and realize the purposes of the lawmakers.

Notwithstanding the doubts now entertained as to the proper interpretation of the statute with respect to its application to the several articles hereinbefore specified, if it be found hereafter that the omission of marks stating the quantity of the contents on the containers thereof is being used by shippers as a means of perpetrating fraud or deception it will be the obvious duty of the department to seek decisions of the courts that will enable it to accomplish one of the principal purposes of the food and drugs act, namely, the prevention of fraud and deception.

Furthermore, irrespective of whether or not fraud or deception results from failure to mark on the containers covered by the last paragraph the quantity of the contents thereof, should the department later be of the opinion that these containers of meat and meat food products are in package form, within the meaning of the law, public notice, of not less than two months, of such opinion will be given, so as to afford shippers opportunity to make the necessary arrangements to mark them.

The department has had under consideration the application of the act of March 3, 1913, commonly known as the net weight amendment to the Federal food and drugs act, to the articles designated by you as "pork roll," "pork relish," and "pork loaf." You have represented that these articles are stuffed into muslin bags weighing when filled approximately 6 pounds each; that when packed they have a very heavy moisture content and continually lose weight to such an extent that any statement of quantity could in the nature of things be true but for a very limited time; and that any statement of quantity true at time of interstate shipment would necessarily be false when goods reached the consuming public and might easily be made the basis of fraud and deception. You represented further that the articles are never sold by the bag, but always at the actual scale weight. You also stated that owing to the nature of the product and the necessary process of manufacture, it is impracticable to use paraffin bags or any other form of container which would prevent evaporation and loss of weight.

The department is of opinion that the question whether bags of "pork roll," "pork relish," and "pork loaf," packed and handled under the circumstances above described, constitute food "in package form" is not entirely free from doubt. Nevertheless, in view of all the facts, it has been determined, for the present at least, to exclude from being treated as "in package form" under the net weight amendment all such bags of "pork roll," "pork relish," and "pork loaf." If, however, it should develop later that the failure to mark such articles with statements of weight is being made the basis of fraud or deception, it will be the obvious duty of the department to require that the quantity of the contents of the bags be stated and if necessary, to refer the question to the courts for decision whether the articles are "in package form."

Previous rulings and instructions of the Bureau of Animal Industry incident to the enforcement of the net weight and volume regulations which do not coincide with the opinions set forth above, are hereby rescinded.

#### CARE SHOULD BE USED COPYING M. I. FORM REPORTS.

The monthly M. I. forms received from some of the stations are in such a badly blurred condition, due to faulty copying, as to make them almost illegible. Care should be exercised in the preparation and copying of all reports so that the figures may be distinct and legible.

#### ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, MAY, 1915.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	134,171	46,835	185,631	1,939	509,406
Fort Worth.....	28,697	6,173	38,154	6,567	33,684
Kansas City.....	56,804	3,399	68,112	11,687	205,027
National Stock Yards.....	24,127	2,896	38,973	1,022	125,657
South Omaha.....	62,002	1,334	51,533	1,181	190,075
South St. Joseph.....	20,104	1,010	39,901	2,296	110,491
All other establishments.....	208,552	143,392	316,757	6,183	1,694,257
Total May, 1915.....	534,457	205,039	739,051	30,875	2,868,655
Total May, 1914.....	473,806	183,052	1,084,677	24,035	2,569,035
Total January-May, 1915.....	2,632,810	764,447	4,697,380	54,290	17,036,488
Total January-May, 1914.....	2,508,544	736,248	5,786,818	54,212	13,640,658



### IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The following statements show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during May, 1915, with figures for other periods for comparison:

#### *Imports of food animals.*

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	9,045			
Canada.....	8,947	3,138	18	
Total, May, 1915.....	17,992	3,138	18	
Total, May, 1914.....	53,692	17,806	5,718	18,919

#### *Imports of meats and meat food products, May, 1915.*

Country of export.	Fresh and refrigerated meats.		Canned and cured meats.	Other products.	Total.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....				19,807	19,807
Australia.....			3,996		3,996
Canada.....	109,683	174,151	201,200	23,006	508,040
Uruguay.....			12,965	87,628	100,593
Other countries.....	349,873	7,726	25,183	13,569	396,351
Total, May, 1915.....	459,556	181,877	243,344	144,010	1,028,787
Total, May, 1914.....	19,699,777	2,067,947	1,780,958	545,940	24,084,622
Total, January-May, 1915.....	64,452,835	5,343,821	2,564,107	1,321,494	74,682,257
Total, January-May, 1914.....	95,132,984	10,294,967	6,843,655	2,559,959	114,831,575

Condemned n May, 1915: Beef, 2,405 pounds; veal, 50 pounds; total, 2,455 pounds.

### HORSES AND MULES INSPECTED FOR EXPORT TO EUROPE AND CANADA.

The following statement shows the numbers of horses and mules inspected by this bureau for export to Europe and Canada from August, 1914, to May, 1915, inclusive:

#### *Exports of horses and mules.*

Period.	To Europe.		To Canada.		Total animals.
	Horses.	Mules.	Horses.	Mules.	
August, 1914, to February, 1915 (6 months).....	117,934	19,494	31,473	10,863	179,764
March, 1915.....	36,889	5,300	4,930	3,450	50,569
April, 1915.....	35,135	10,271	4,857	4,287	54,550
May, 1915.....	38,564	13,513		4,863	56,940
Total, 9 months.....	228,522	48,578	41,260	23,463	341,823

**FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES  
FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED  
STATES.**

The following are additional names, addresses, and facsimile signatures of foreign national government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
<i>Australia.</i>	
W. C. Barber, South Australia...	<i>W. C. Barber.</i>
A. Black, Victoria.....	<i>A. Black</i>
T. F. Bell, Victoria.....	<i>T. F. Bell</i>
C. H. Bonnet, Victoria.....	<i>C. H. Bonnet</i>
F. B. Brock, South Australia....	<i>F. B. Brock</i>
R. A. Bugg, Brisbane, Queens- land.....	<i>R. A. Bugg.</i>
W. B. Carnegie, Victoria.....	<i>W. B. Carnegie</i>
W. H. Clowes, Victoria.....	<i>W. H. Clowes</i>
F. T. Cody, Victoria.....	<i>F. T. Cody.</i>
F. Dawson, Victoria.....	<i>F. Dawson</i>
I. H. Eames, Victoria.....	<i>I. H. Eames</i>



Country, name, and address.	Signature.
<i>Australia—Continued.</i>	
F. FitzGerald, Victoria.....	<i>F. FitzGerald</i>
W. H. Fricker, Victoria.....	<i>W. H. Fricker</i>
W. J. Gibbons, Victoria.....	<i>W. J. Gibbons</i>
J. Gunst, Victoria.....	<i>J. Gunst</i>
J. W. Hayward, Victoria.....	<i>J. W. Hayward</i>
W. B. Hayward, Victoria.....	<i>W. B. Hayward</i>
W. Henschke, South Australia..	<i>W. Henschke</i>
J. Hodge, Victoria.....	<i>J. Hodge</i>
E. Holden, Victoria.....	<i>E. Holden.</i>
J. P. Hollowood, Victoria.....	<i>J. P. Hollowood</i>
W. Hunter, Victoria.....	<i>W. Hunter</i>
William Jenner, Victoria.....	<i>W<sup>m</sup> Jenner.</i>

Country, name, and address.	Signature.
<i>Australia—Continued.</i>	
J. Johnston, Victoria.....	<i>J. Johnston</i>
J. Langford, Victoria.....	<i>J. Langford</i>
P. G. Lennox, Victoria.....	<i>P. G. Lennox</i>
R. F. Lowe, Victoria.....	<i>R. F. Lowe</i>
W. H. Lyons, Victoria.....	<i>W. H. Lyons</i>
J. M. Madden, Sydney, New South Wales.....	<i>J. M. Madden</i>
James W. Mellis, Victoria.....	<i>James W. Mellis.</i>
C. F. G. McCann, South Australia.	<i>C. F. G. McCann</i>
E. J. Myles, Victoria.....	<i>E. J. Myles.</i>
A. C. Nash, Victoria.....	<i>A. C. Nash</i>

Country, name, and address.	Signature.
<i>Australia—Continued.</i>	
H. O'Boyle, Queensland.....	H. O'Boyle
D. S. Pattison, Victoria.....	D. S. Pattison
H. Pattison, Victoria.....	H. Pattison
E. G. Pearce, Victoria.....	E. G. Pearce
J. Pollock, Victoria.....	J. Pollock
A. Pridham, Victoria.....	A. Pridham
M. Quinn, Victoria.....	M. Quinn
G. Leo Rankine, Victoria.....	G. Leo Rankine
D. Robinson, Brisbane, Queens- land.....	D. Robinson
Alfred H. Smith, Sydney, New South Wales.....	Alfred H. Smith
George P. Smith, Victoria.....	George P. Smith



Country, name, and address.	Signature.
<i>Australia—Continued.</i>	
C. B. Sullivan, Victoria.....	<i>C. B. Sullivan</i>
T. Stevenson, South Australia...	<i>T. Stevenson</i>
A. Toyne, Victoria.....	<i>A. Toyne</i>
W. J. Trevaskis, Victoria.....	<i>W. J. Trevaskis</i>
J. S. Van Pelt, Victoria.....	<i>J. S. Van Pelt</i>
J. Wallman, Victoria.....	<i>J. Wallman</i>
C. West, Victoria.....	<i>C. West.</i>
G. C. West, South Australia.....	<i>G. C. West</i>
W. I. White, Victoria.....	<i>W. I. White</i>
A. H. Ziebell, Victoria.....	<i>A. H. Ziebell</i>
Charles Ziebell, Victoria.....	<i>C. Ziebell</i>

Country, name, and address.	Signature.
<i>Sweden.</i>	
Erik Emanuel Arenander, Stockholm.	<i>Erik Emanuel Arenander</i>
Victor Aulin, Landskrona.....	<i>Victor Aulin</i>
Carl Bertilsson, Kristianstad.....	<i>Carl Bertilsson</i>
Oscar Brandt, Stockholm.....	<i>Oscar Brandt</i>
H. Kruse, Stockholm.....	<i>H. Kruse</i>
Erik Magnell, Stockholm.....	<i>Erik Magnell</i>
Folke Petersson, Stockholm.....	<i>Folke Petersson</i>
Lorenz Rasmusson, Linköping...	<i>Lorenz Rasmusson</i>
Oscar Severin, Stockholm.....	<i>Oscar Severin</i>
Henry H. Stålhammar, Stockholm.....	<i>Henry H. Stålhammar</i>

## INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following addition has been made to the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Dr. Herbert Anderson, Dickinson, N. Dak.

---

## TEXAS-FEVER QUARANTINE—LIST OF PLACES WHERE SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER.

Referring to section 4, of regulation 2 of the regulations governing the interstate movement of live stock (B. A. I. Order 210) effective July 1, 1914, State and Federal permission has been granted for the shipment of cattle for immediate slaughter to the following places from areas quarantined for splenetic, southern, or Texas fever:

ILLINOIS.—*Cairo*, Bucher Packing Co.; *Chicago*, Union Stock Yards Co.; *East St. Louis*, East Side Packing Co.; *National Stock Yards*, National Stock Yards Co.; *Peoria*, E. Godel & Sons, Wilson Provision Co.; *Springfield*, Franz Bros. Packing Co.

INDIANA.—*Evansville*, Evansville Packing Co.; *Fort Wayne*, Fred Eckart Packing Co.; *Indianapolis*, Brown Bros., Indianapolis Union Stock Yards Co.; *Muncie*, Kuhner Packing Co.; *Terre Haute*, Home Packing Co.

KANSAS.—*Frontenac*, Menghini Bros. Packing Co.; *Independence*, Bullock Bros.; *Kansas City*, Kansas City Stock Yards Co.; *Leavenworth*, Schalker Packing Co.; *Pittsburg*, Hull & Dillon Packing Co.; *Wichita*, Wichita Union Stock Yards Co.

KENTUCKY.—*Louisville*, Bourbon Stock Yards Co.

MARYLAND.—*Baltimore*, Union Stock Yards.

MASSACHUSETTS.—*Brighton*, Brighton Abattoir Co.; *Somerville*, New England Dressed Meat and Wool Co., Sturtevant and Haley Beef & Supply Co.

MICHIGAN.—*Detroit*, J. E. Frey, Hammond, Standish & Co., W. J. Kamman, Kamman Beef Co., Mason Beef Co., Michigan Beef Co., Michigan Central Stock Yards Co., Newton Beef Co., Parker-Webb & Co., T. Reagan, Sullivan Packing Co., W. B. Thompson.

MISSOURI.—*Kansas City*, Kansas City Stock Yards Co.; *Nevada*, Nevada Packing Co.; *St. Louis*, Carondelet Packing Co., Independent Stock Yards Co., St. Louis Independent Packing Co., Swift & Co.; *Sedalia*, Stephenson Packing Co.; *South St. Joseph*, St. Joseph Stock Yards Co., Freund Packing Co.; *Springfield*, Tegarden Packing Co.

NEBRASKA.—*South Omaha*, Union Stock Yards Co.

NEW JERSEY.—*Camden*, D. D. Helm; *Jersey City*, Armour & Co. (Harsimus); *Newark*, Swift & Co. (Kearny).

NEW YORK.—*Buffalo*, East Buffalo Stock Yards Co.; Jacob Dold Packing Co., G. Klinek Packing Co.; *New York*, Armour & Co., Moe Frank, New York Butchers' Dressed Meat Co., Joseph Stern & Sons, Strauss & Adler, Sulzberger & Sons Co., Swift & Co., United Dressed Beef Co.

NORTH CAROLINA.—*Wilmington*, San Souci Abattoir Co.

OHIO.—*Ashtabula*, F. C. Gerald; *Canton*, Canton Packing Co.; *Cleveland*, William Bennett & Sons, Blumenstock Reid Co., Cleveland Provision Co., Nick Davis, John Doebald, Eisenman Bros., J. J. Flick Dressed Beef Co., Forest City Provision Co., Hartman Provision Co., Herbster-Newman & Co., Hughes Provision Co., Koblenzer Bros., Lake Erie Provision Co., Long Dressed Beef Co., Philip Null & Co., Ohio Provision Co., Retail Butchers' Protective Association, Tenfel Bros., Theurer-Norton Provision Co., Henry Walcher, Webb Bros.; *Columbus*, Columbus Packing Co.; *West Menton*, F. E. Presley; *West Toledo*, N. Rassel Sons Co., Stautzenbach, Bowers & Taylor.



OKLAHOMA.—*Oklahoma*, Oklahoma National Stock Yards.

PENNSYLVANIA.—*Allentown*, Arbogast & Bastian Co.; *Butler*, Butler Beef & Provision Co.; *Chester*, John J. Buckley Co.; *Erie*, Hiabach Bros., Schaffner Bros.; *Johnstown*, Armour & Co., C. A. Young Co.; *Mount Carmel*, L. W. Weissinger & Bros.; *Philadelphia*, Consolidated Dressed Beef Co., D. B. Martin Co., West Philadelphia Stock Yards Co.; *Philipsburg*, Philipsburg Beef Co.; *Pittsburgh*, Armour & Co., Dunlevy & Brother Co., Union Stock Yards Co.; *Punxsutawney*, Punxsutawney Beef & Provision Co.; *Reading*, Reading Abattoir Co.; *Scranton*, Frank Carr, Stowers Pork Packing & Provision Co.; *Shamokin*, Croninger Packing Co.

VIRGINIA.—*Danville*, A. Greenberg; *Norfolk*, Banks Bros., Union Stock Yards Co.; *Richmond*, Richmond Union Stock Yards.

WEST VIRGINIA.—*Wheeling*, F. Schenk & Sons Co.

WISCONSIN.—*Cudahy*, Cudahy Brothers; *Milwaukee*, Plankinton Packing Co.

## CONVICTIONS FOR VIOLATIONS OF LAWS.

### MEAT-INSPECTION LAW.

In cases against the following-named defendants, charged with violating the meat-inspection law in shipping unsound meats in interstate trade, the defendants pleaded guilty and were fined the amounts indicated:

Wallace H. Ford, Still Pond, Md., \$10.

John E. Hessner, Kennedysville, Md., \$10.

Frederick A. Drumm, Sharon, Conn., \$20.

Perry C. Othoson, Sassafras, Md., \$10.

### TWENTY-EGHT HOUR LAW.

The following results of prosecutions for violations of the 28-hour law were reported to the bureau during the month of June, 1915.

Number of cases.	Defendant.	Penalty.	
		Fine.	Costs.
1	Oregon Short Line Railroad Co.....	\$100.00	\$85.88
1	Illinois Central R. R.....	100.00	19.50
1	Southern R. R.....	100.00	13.10
1	Pere Marquette R. R.....	100.00	
3	Chicago Great Western R. R.....	300.00	20.59
1	Missouri, Kansas & Texas R. R.....	100.00	And costs.
1	Kansas City Southern R. R.....	100.00	And costs.
1	Chicago, Milwaukee & St. Paul R. R.....	100.00	And costs.
2	Chicago, Rock Island & Pacific R. R.....	200.00	And costs.
3	Chicago, Burlington & Quincy R. R.....	300.00	And costs.
2	New York Central & Hudson River R. R.....	500.00	\$33.20
2	Atchison, Topeka & Santa Fe R. R.....	200.00	And costs.
2	Lake Shore & Michigan Southern R. R.....	300.00	\$27.02
1	Cleveland, Cincinnati, Chicago & St. Louis R. R.....	100.00	14.56
1	Baltimore & Ohio R. R.....	100.00	And costs.
Total (23 cases).....		2,700.00	\$213.85

## QUARANTINE LAWS.

The following results of prosecutions for violations of the live-stock quarantine law were reported to the bureau during the month of June, 1915.

Number of cases.	Defendant.	Nature of violation.	Penalty.	
			Fine.	Costs.
1	George Lowther.....	Interstate movement of live stock in violation of foot-and-mouth disease quarantine.	\$100.00	-----
1	Paul Krebs.....	.....do.....	5.00	-----
1	John Hildebrand.....	.....do.....	5.00	-----
1	Charles Brown.....	.....do.....	5.00	-----
1	Pius Wildasin.....	.....do.....	5.00	-----
1	St. Louis & San Francisco R. R.	Interstate movement of live stock in violation of Texas fever quarantine.	200.00	And costs.
1	Kansas City Southern R. R.....	.....do.....	100.00	And costs.
1	Georgia, Florida & Alabama R. R.	.....do.....	100.00	And costs.
1	Chicago, Rock Island & Gulf R. R.	Interstate movement of live stock in violation of sheep scabies quarantine.	100.00	\$9.15
	Total (7 cases).....		620.00	9.15

## LICENSES AND PERMITS FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture and permits for the importation of veterinary biological products have been issued as follows for the calendar year 1915, under the act of Congress of March 4, 1913 (37 Stat., 832) and the regulations made thereunder (B. A. I. Order 196). This list is revised and complete as of June 30, 1915.

*Licenses for the manufacture of veterinary biological products.*

License No.	Name and address of firm.	Products.
1	National Vaccine and Antitoxin Institute, 1513-15 U Street, Washington, D. C.	Tuberculin.
2	Eagle Serum Co., Third Street and Central Avenue, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
3	H. K. Mulford Co., office, 428 South Thirteenth Street, Philadelphia, Pa.; plant, Glendolen, Pa.	Blackleg vaccine; anthrax vaccine; abortin solution pneumo-strepto mixed bacterin; polyvalent mixed bacterin; strepto bacterin; coli bacterin; staphylococcus bacterin; tetanus antitoxin; antistreptococcic serum; rabies vaccine; abortus bacterin; tuberculin; mallein; white scours serum; white scours sero-bacterin; canine distemper serum; canine distemper sero-vaccine.
4	The Abbott Laboratories, 4735-39 Ravenswood Avenue, Chicago, Ill.	Poly-bacterins (staphylococci, streptococci, and <i>Bacillus coli</i> ); staphylo bacterins (mixed staphylococci); strepto bacterins (anti-influenza bacterins); blackleg vaccine; canine distemper bacterin ( <i>Bacillus bronchisepticus</i> , staphylococci, and streptococci); canine distemper serum.
5	Parke, Davis & Co., Atwater and McDougall Streets, Detroit, Mich., and Rochester, N. Y.	Antistreptococcic serum; antitetanic serum; blacklegoids for sheep; blacklegoids, singles; blacklegoids, doubles; colon vaccine; canine distemper vaccine (prophylactic); canine distemper vaccine (curative); equine influenza vaccine (prophylactic); equine influenza vaccine (curative); influenza antitoxin; mallein; mixed-infection phylacogen; pneumonia phylacogen; staphylococcus vaccine combined (veterinary); streptococcus vaccine; streptococcus and staphylococcus vaccine (combined); tuberculin; white scours serum; staphylococcus-streptococcus vaccine combined (canine).
6	Pitman-Moore Co., plant, Zionsville, Ind.; office, 111-117 North Capitol Avenue, Indianapolis, Ind.	Anti-hog-cholera serum; hog-cholera virus.
7	Mid-West Serum Co., Thirty-third and N Streets, South Omaha, Nebr.	Do.
8	C. W. Hevner Serum Co., Franklin, Nebr.	Do.

*Licenses for the manufacture of veterinary biological products—Continued.*

License No.	Name and address of firm.	Products.
9	Lederle Antitoxin Laboratories, Pearl River, N. Y.	Tetanus antitoxin; antistreptococcus serum; rabies vaccine; equine influenza vaccine; colon vaccine; streptococcus vaccine; staphylococcus vaccine; pneumonia vaccine; mixed bacterial vaccine; tuberculin; mallein; blackleg vaccine.
10	Wichita & Oklahoma Serum Co., Stock Yards, Wichita, Kans.	Anti-hog-cholera serum; hog-cholera virus.
11	Sioux Falls Serum Co., Stock Yards, Sioux Falls, S. Dak.	Do.
12	Royal Serum Co., Osage and Adams Streets, Kansas City, Kans.	Do.
13	Omaha Serum Co., Ralston, Nebr.....	Do.
14	Imperial Serum Co., Twenty-second and Genesee Streets, Kansas City, Mo.	Do.
15	Tri-State Serum Co., 311 Central Avenue, Kansas City, Kans.	Do.
16	Standard Serum Co., Inc., Prospect and Dodge Streets, Sioux City, Iowa.	Do.
17	Beebe Laboratories (Inc.), Plant: 161 West Third Street. Office: Lowry Building, St. Paul, Minn.	Staphylococcic and streptococcic bacterial vaccine combined (polyvalent); anti-influenza vaccine (immunizing and therapeutic); blackleg tablet vaccine; mallein; tuberculin; normal horse serum; tetanus antitoxin.
18	Stock Yards Serum Co., 211 Central Avenue, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
19	Sheldon Serum Co., 610 West Thirty-fifth Street, Kansas City, Mo.	Do.
21	Continental Serum Laboratories, 1228 North First Street, East St. Louis, Ill.	Do.
22	Accuracy Laboratories, 1714 West Madison Street, Chicago, Ill	Pneumococcus vaccine; combined staphylococcus vaccine; polyvalent bacterin; coli communis bacterin; influenza bacterin; streptococcus vaccine; combined streptococcus, staphylococcus, coli, and pneumococcus vaccine.
23	Missouri Valley Serum Co., 50 North Second Street, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
24	Sihler Hog Cholera Serum Co., Central Avenue and Water Street, Kansas City, Kans.	Do.
25	Inter-State Vaccine Co., Substation No. 2, 58 Greystone Avenue, Kansas City, Kans.	Do.
26	Kaw Valley Serum Co., Greystone Avenue and Perry Street, Kansas City, Kans.	Do.
28	North Portland Serum Co., post-office box 39, North Portland, Oreg. (Plant on property of Peninsula Industrial Co.)	Do.
29	Fort Dodge Serum Co., Fort Dodge, Iowa.	Do.
30	Kansas Serum Co., Manhattan, Kans..	Do.
31	Comparative Vaccine Laboratories (Inc.), 214 Livingston Street, Brooklyn, N. Y.	Aggressive vaccine, mixed; canine distemper vaccine; autogenous vaccine; equine vaccine, Bulgar-Lac.
32	Standard Serum Co., 11 South Second Street, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
33	Dr. Willis A. Myers & Co., South Main Street, Wenona, Ill.	A combined bacterial vaccine.
34	National Serum Co., Second Street and Myers Avenue, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
35	H. M. Alexander & Co. (Inc.), Marietta, Pa.	Tetanus antitoxin; antirabic vaccine; tuberculin; mallein.
36	Lewisburg Laboratory, Lewisburg, W. Va.	Strepto bacterin No. 1; mixed bacterins No. 10-M and No. 11-M.
37	Sioux City Serum Co., 221 Exchange Building, Stock Yards, Sioux City, Iowa.	Anti-hog-cholera serum; hog-cholera virus.
38	Hueben Serum Co., First Street and Waverly Avenue, Kansas City, Kans.	Do.
39	Purify Serum Co., Stock Yards, Sioux City, Iowa.	Do.
40	Cedar Rapids Serum Co., Twenty-third and Mallory Streets, Cedar Rapids, Iowa.	Do.
41	A. T. Kinsley Laboratories, 1426 Lydia Avenue (office, 1336 East Fifteenth Street), Kansas City, Mo.	Polyvalent bacterin; streptococcic bacterin; staphylococcic bacterin; colon bacterin; pneumo bacterin; autogenous bacterin; bacterin for pasteurelloses.



*Licenses for the manufacture of veterinary biological products—Continued.*

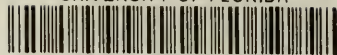
Licenses No.	Name and address of firm.	Products.
42	Northwestern Hog Cholera Serum Manufacturing Co., Stock Yards, South St. Paul, Minn.	Anti-hog-cholera serum; hog-cholera virus.
43	American Serum Co., 210 Central Avenue, Kansas City, Kans.	Do.
45	C. H. Miner Serum Co., Red Cloud, Nebr.	Do.
46	St. Joseph Live Stock Serum Co., Stock Yards, St. Joseph, Mo.	Do.
47	Board of Regents, University of Nebraska, Lincoln, Nebr.	Do.
48	Kansas City Serum Co., Second Street and Myers Avenue, Kansas City, Kans.	Do.
49	Slee Laboratories, Swiftwater, Pa.....	Tetanus antitoxin.
51	Union Serum Co., Chicago and Chambers Streets, Stock Yards, Sioux City, Iowa.	Anti-hog-cholera serum; hog-cholera virus.
52	Cutter Laboratory, Sixth and Grayson Streets, Berkeley, Cal.	Blackleg vaccine; anthrax vaccine; tuberculin; mallein; tetanus antitoxin; antistreptococcic serum; distemper and influenza serum; antisyphilitic (a polyvalent bacterial vaccine); anti-influenza vaccine; mixed pneumonia vaccine; streptococcic vaccine; dog distemper vaccine.
53	Nodaway Valley Serum Co., Skidmore, Mo.	Anti-hog-cholera serum; hog-cholera virus.
54	Kansas Agricultural College, Veterinary Department, Manhattan, Kans.	Blackleg vaccine.
55	International Laboratories, 65 Irving Place, New York, N. Y.	Horse distemper vaccine (Lintz); vaccine "Inflammin" (equine); vaccine "Inflammin" (canine); vaccine Mascot distemper (canine); <i>Bacillus bulgaricus</i> culture.
56	Southwestern Serum Co., Twenty-first Street and Lawrence Avenue, Wichita, Kans.	Anti-hog-cholera serum; hog-cholera virus.
57	Mason S. Peters United Serum Co., St. Joseph, Mo.	Do.
59	Nebraska Serum Co., 340 N Street, Lincoln, Nebr.	Do.
61	Guillfoil Serum Co., 18-22 North Second Street, Kansas City, Kans.	Do.
62	O K Serum Co., Thirty-third and L Streets, South Omaha, Nebr.	Do.
63	The Eli Lilly & Co., Indianapolis, Ind.	Tetanus antitoxin; rabies virus.
65	Hawkeye Serum Co., South Thirty-sixth Street, South Omaha, Nebr.	Anti-hog-cholera serum; hog-cholera virus.
66	National Serum Co., Union Stock Yards, South St. Paul, Minn.	Do.
67	The Hevner Serum Co., Shelton, Nebr.	Do.
68	Dr. James McL. Phillips, 2057 North High Street, Columbus, Ohio.	Rabies vaccine.
69	Southern Serum Co., West Plains Mo.	Anti-hog-cholera serum; hog-cholera virus.
70	St. Joseph Veterinary Laboratory, 1502 Garfield Avenue, St. Joseph Mo.	Do.
71	Big O Serum Co., Central Avenue and Water Street, Kansas City, Kans.	Do.
72	Central Missouri Serum Co., Marshall, Saline County, Mo.	Do.
74	Ralston Serum Co., Ralston, Nebr....	Do.
75	Dr. Charles L. Rea's Serum Co., office, 927 E. Fifteenth Street, Kansas City, Mo.; plant, Central Avenue and Kaw River Diike, Kansas City, Kans.	Do.
76	Oklahoma Stock Yards Serum Co. (Inc.), National Stock Yards, Oklahoma City, Okla.	Do.
77	Corn Belt Serum Co., National Stock Yards, Ill.	Do.
79	Iowa Serum Co., Stock Yards, Sioux City, Iowa.	Do.
80	Tri-State Serum Co., Leech Street and Floyd River, Sioux City, Iowa.	Do.
81	Superior Serum Co., Second Street and Myers Avenue, Kansas City, Kans.	Do.
82	Axtell Serum Co., Gilmore Station, South Omaha, Nebr.	Do.
83	E. R. Squibb & Sons; office, 80 Beekman Street, New York, N. Y.; plant, George Road, New Brunswick, N. J.	Pasteur antirabic vaccine; tetanus antitoxin; mallein; anti-hog-cholera serum; hog-cholera virus.
84	Grain Belt Supply Co., 3215 L Street, South Omaha, Nebr.	Anti-hog-cholera serum; hog-cholera virus.

*Licenses for the manufacture of veterinary biological products—Continued.*

License No.	Name and address of firm.	Products.
85	The Western Laboratories, Twenty-fourth Street and Broadway, Oakland, Cal.	Leucocytic extract; autogenic bacterins.
86	Germania Serum Co., office, 927 East Fifteenth Street, Kansas City, Mo.; plant, Central and Water Streets, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
87	Chicago Serum Co., office, 845 Exchange Avenue; plant, 3854 South Morgan Street, Chicago, Ill.	Anti-hog-cholera serum.
88	Farmers' Serum Co., National Stock Yards, Ill.	Anti-hog-cholera serum; hog-cholera virus.
89	United States Serum Co., Central Avenue and Water Street, Kansas City, Kans.	Do.
90	Sunflower Serum Co., 322 North First Street, Kansas City, Kans.	Do.
91	Gregory Farm Laboratory, White Hall, Greene County, Ill.	Do.
93	Slater Serum Co., Ewing Street and Myers Avenue, Kansas City, Kans.	Do.
94	Cre-o-lone Tonic & Serum Co. (office, 509 Pearl Street); plant, 1825 Leech Avenue, Sioux City, Iowa.	Do.
95	Jacob E. Decker & Sons, Henderson Street, Mason City, Iowa.	Do.
96	The Elmore Live Stock Co., Box 43, Peoria, Ill.	Do.
97	Nelson Serum Co., Third and Lynch Avenue, East St. Louis, Ill.	Do.
98	Grand Rapids Serum Co., 154 Louis Street, Grand Rapids, Mich.; laboratory, Barendsenville, Mich.	Anti-hog-cholera serum; hog-cholera virus; mixed infection bacterins; streptococcus infection bacterins; staphylococcus infection bacterins.
99	Corn State Serum Co., Forty-fourth Avenue and U Street, South Omaha, Nebr.	Anti-hog-cholera serum; hog-cholera virus.
100	Peoria Serum Co., Peoria, Ill.	Do.
101	Copeland Serum Co., Forty-eighth Avenue and Z Street, South Omaha, Nebr.	Do.
102	Lathrop Serum Co., Lathrop, Mo.	Do.
103	Fowler Serum Co., 335 North James Street and Second Street and Splitlog Avenue, Kansas City, Kans.	Do.
104	Swan-Myers Co., 219 North Senate Street, Indianapolis, Ind.	Swan's mixed bacterins Nos. 100, 101, 102, 103, 104, 105, 106, 107, 108; influenza bacterin 109.
105	Canton Serum Co., Canton, S. Dak.	Anti-hog-cholera serum; hog-cholera virus.
106	Waterloo Serum Laboratories, Ansborough and Upton Streets, Waterloo, Iowa.	Do.
107	Jensen-Salsbery Laboratory, 1228 Main Street, Kansas City, Mo.	Mixed bacterin; strepto bacterin; canine bacterin; anti-influenza bacterin; pneumo bacterin; autogenous bacterin; pasteurella vaccine; abortion bacterin; colon bacterin.

*Permits for the importation of veterinary biological products.*

Permit No.	Name and address of firm.	Products.
1	C. Bischoff & Co. (Inc.), 451-453 Washington Street, New York, N. Y.	Tuberculin; antitetanic serum. Foreign manufacturers: Behringwerk, Marburg, Germany; Schweizer Serum und Impfinstitut, Berne, Switzerland.
2	Pasteur Laboratories of America, New York, N. Y.	Tuberculin; antitetanic serum; anthrax vaccine; fowl-cholera vaccine; antianthrax serum; antistreptococcic serum; mallein; septic pneumonia germ-free extract; dysentery germ-free extract; fowl-cholera serum; abortiform; polyvalent strepto bacterin; antistrangles serum; canine-distemper serum; blackleg vaccine and serum. Foreign manufacturers: Labpasteur (Service des Vaccins de l'Institut Pasteur), Paris, France; Laboratoire des Vaccins Pasteur pour l'Etranger, Paris, France; Pharmaceutisches Institut Ludwig Wilhelm Gans, Frankfurt on the Main, Germany; Sérum Anti-Gourmeux, Boulogne, France; O. Thomas Laboratory, Verdun, France; Ed. Lua, Paris, France; Leclainche & Vallée, Paris and Toulouse, France.



## PUBLICATIONS IN JUNE.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Animals Imported for Breeding Purposes for which Certificates of Pure Breeding Have Been Issued by the Bureau of Animal Industry. Horses, 1914. Pp. 22.

Amendment 5 to B. A. I. Order 238. To Prevent the Spread of Foot-and-Mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Modifies the quarantine relating to the States of Illinois, Indiana, Kansas, New York, Pennsylvania, Ohio, West Virginia, and Wisconsin.)

Amendment 6 to Order 238. (Revokes the quarantine placed upon the State of Iowa, and modifies the quarantine relating to the States of Illinois, Maryland, New Jersey, Ohio, Pennsylvania, Rhode Island, Virginia, and Wisconsin.)

Amendment 7 to Order 238. (Revokes amendments 1 to 6 of Order 238, and also Paragraph 3, and designates the areas quarantined in the different States.)

Amendment 8 to Order 238. (Revokes the quarantine upon the States of Indiana and Montana, modifies paragraph (e) of the order, and modifies the quarantine placed upon the States of Illinois, Maryland, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Virginia, West Virginia, and Wisconsin.)

---

 ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

*Chief:* A. D. MELVIN.

*Assistant Chief:* JOHN R. MOHLER.

*Chief Clerk:* CHARLES C. CARROLL.

*Animal Husbandry Division:* GEORGE M. ROMMEL, chief.

*Biochemic Division:* M. DORSET, chief.

*Dairy Division:* B. H. RAWL, chief.

*Field Inspection Division:* R. A. RAMSAY, chief.

*Meat Inspection Division:* R. P. STEDDOM, chief.

*Miscellaneous Division:* A. M. FARRINGTON, chief.

*Pathological Division:* ADOLPH EICHORN, chief.

*Quarantine Division:* RICHARD W. HICKMAN, chief.

*Zoological Division:* B. H. RANSOM, chief.

*Experiment Station:* E. C. SCHROEDER, superintendent.

*Editor:* JAMES M. PICKENS.

*Office of Accounts:* E. J. NEWMYER, in charge.

*Appointment Section:* IRVING W. PEW, in charge.